

Request for Reconsideration After Final Action
U.S. Patent Application No. 10/691,663

Listing of Claims:

This listing of claims provided below have not been changed since their immediate prior version and are merely being provided for ease of reference.

1. (Previously Presented) An oscillating product that includes a portion for receiving a person and further includes an entertainment device, the entertainment device comprising:

a mobile arm rotatably coupled to the entertainment device;

a motion conversion device including a weighted housing coupled to the entertainment device and the mobile arm to convert an oscillatory motion of the entertainment device into a rotational motion of the mobile arm, wherein the weighted housing rotates in response to oscillatory motion of the entertainment device such that rotational motion of the housing effects rotational motion of the mobile arm; and

a mounting member to secure the entertainment device to the oscillating product;

wherein, upon securing the mounting member to the oscillating product, the oscillating product conveys oscillatory motion to the entertainment device.

2. (Canceled).

3. (Previously Presented) The oscillating product of claim 1, wherein the mounting member includes at least one fastener to connect the entertainment device to the oscillating product.

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4. (Previously Presented) The oscillating product of claim 1, wherein the motion conversion device includes a gear assembly coupled to the mobile arm and the mounting member, and rotational motion of the weighted housing in response to oscillatory motion of the entertainment device controls operation of the gear assembly to effect rotational motion of the mobile arm in a single direction with respect to the mounting member.

5. (Canceled)

6. (Previously Presented) The oscillating product of claim 4, wherein the gear assembly includes a ratchet gear coupled to the mobile arm and a driving pawl that is secured to and rotates with the gear housing and releasably engages the ratchet gear to effect rotational motion of the ratchet gear and the mobile arm.

7. (Previously Presented) The oscillating product of claim 6, wherein the gear assembly further includes a second pawl to prevent the gear assembly from rotating the mobile arm in a direction opposite the single rotational direction.

8. (Previously Presented) The oscillating product of claim 7, wherein the driving pawl and the second pawl move in opposing directions with respect to each other during oscillatory motion of the entertainment device.

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9. (Previously Presented) The oscillating product of claim 4, further comprising:
a clutch releasably coupling the mobile arm with the gear assembly to disengage the mobile arm from the gear assembly upon application of a force to the mobile arm that opposes rotational motion of the mobile arm in the single direction.
10. (Previously Presented) The oscillating product of claim 1, wherein the mobile arm includes at least one object secured along the mobile arm.
11. (Previously Presented) The oscillating product of claim 10, wherein the mobile arm includes a first object secured proximate a first terminal end of the mobile arm and a second object secured proximate a second terminal end of the mobile arm.
12. (Previously Presented) The oscillating product of claim 11, wherein the first object is heavier than the second object.
13. (Canceled)
14. (Previously Presented) The oscillating product of claim 1, wherein the oscillating product comprises a swing.

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15. (Previously Presented) A method of rotating a mobile arm rotatably coupled to an entertainment device, comprising the steps of:

imparting oscillatory movement to the entertainment device;

providing a motion conversion device including a weighted housing that is coupled to the entertainment device and the mobile arm, wherein the weighted housing rotates in response to the oscillatory motion of the entertainment device and the rotational motion of the weighted housing effects rotational motion of the mobile arm; and

providing a mounting member to facilitate mounting of the entertainment device to an oscillating product, wherein the oscillating product includes a portion for receiving a person.

16. (Previously Presented) The method of claim 15, further comprising the step of:

mounting the entertainment device to the oscillating product via the mounting member;

wherein oscillatory movement is imparted to the entertainment device by the oscillating product and the oscillating product includes a portion for receiving a person.

17. (Original) The method of claim 16, wherein the oscillating product comprises a swing.

18. (Previously Presented) The method of claim 15, wherein the motion conversion device further includes a gear assembly that is coupled to the mobile arm and the weighted housing such that rotational motion of the weighted housing in response to oscillatory motion of

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the entertainment device controls operation of the gear assembly to effect rotational motion of the mobile arm in a single direction with respect to the entertainment device.

19. (Canceled)

20. (Previously Presented) The method of claim 18, wherein the gear assembly includes a ratchet gear coupled to the mobile arm and a driving pawl that rotates with the gear housing and releasably engages with the ratchet gear to effect rotational motion of the ratchet gear and the mobile arm.

21. (Original) The method of claim 20, wherein the gear assembly further includes a second pawl to prevent the gear assembly from rotating the mobile arm in a direction opposite the single rotational direction.

22. (Original) The method of claim 18, further comprising the step of:
providing a clutch to releasably couple the mobile arm with the gear assembly to facilitate a disengagement of the mobile arm from the gear assembly upon application of a force to the mobile arm that opposes rotational motion of the mobile arm in the single direction.

23. (Original) The method of claim 15, further comprising the step of:

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providing a first object secured proximate a first terminal end of the mobile arm and a second object secured proximate a second terminal end of the mobile arm.

24. (Original) The method of claim 23, wherein the first object is heavier than the second object.

25. (Previously Presented) An oscillating product that includes a portion for receiving a person and further includes an entertainment device, the entertainment device comprising:

a mobile arm rotatably coupled to the entertainment device;

a motion conversion device coupled to the entertainment device and the mobile arm to convert an oscillatory motion of the entertainment device into a rotational motion of the mobile arm such that the mobile arm rotates around at least a portion of the entertainment device; and

a mounting member to secure the entertainment device to the oscillating product;

wherein, upon securing the mounting member to the oscillating product, the oscillating product conveys the oscillatory motion to the entertainment device.